Quarterly review

THE JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS

VOLUME 40 - 2000
Index

Subjects Index

A

Acidosis metabolism, 126.
Adenosine, 71.
— triphosphatase metabolism, 284.
Adipose tissue, 254, 290.
Adiposity, 162.
Adolescence, 260.
Aerobic endurance, 17.
— exercise, 170.
— power, 51, 131.
Aged, 363.
Aging, 1.
Anabolic steroids adverse effect, 271.
Anaerobic power, 131.
— threshold, 103.
Anthropometry, 58, 254.
Asthma, 277.
Athletes, 178.
Athletic injuries prevention and control, 247.
— performance, 233.

B

B-mode ultrasound, 312.
Back injuries, 223.
Blood glucose, 41.
Body composition, 131, 178, 254, 312.
— mass, 17.
— temperature regulation, 35.
— water, 80.
Bodybuilding, 271.
Branched-chain amino acids, 240.
Breath-by-breath gas analysis, 87.

C

C-reactive protein, 156.
Caffeine, 71.
Circuit weight training, 118.
Cortisol, 139.
Creatine kinase, 156.
— supplementation, 336.
Cross sectional area, 284.
— transfer effect, 110.
Cycling, 87.
Cycle testing, 145.

D

Decremental exercise, 11.
Dehydration, 80.
Densitometry, X-ray methods, 178.
Detraining, 110.
Doping in sports, 71.
Doppler flow parameters, 150.
Duration, 1.

E

Economy, 297.
Efficiency, 297.
Elasticity, 26.
Electric impedance, 178.
Energy cost, 118.
— metabolism, 209, 217, 290.
Ergogenic aids, 336.
Exercise, 1, 35, 51, 63, 80, 126, 240, 277, 343, 362.
— physiology, 96, 185, 195, 303.
— — running, 139.
— test, 209.
— therapy methods, 277.
Exertion, 156.
— physiology, 319.

F

Fatty acids, non esterified blood, 343.
Fitness, 170.
Flexibility, 17, 170.
Fructose blood, 343.
Functional strength, 17.

G

Glucose blood, 343.
Gymnastics, 350.

H

Health promotion, 362.
Heart rate, 118, 201, 303.
Height, 17.
High energy shock waves, 356.
High-level male athletes, 233.
Hockey physiology, 195.
Hydration, 41.
Hydrostatic weighing, 254.
Hypertrophy, 336.
Hypoglycemia, 41.
Hypogonadism, 271.

I

Indirect calorimetry, 297.
Insulin, 41.
Intensity, 1.
Interleukin 6, 156.
Interval training, 201.
Isometric contraction physiology, 319.

K

Knee angle, 145.

L

Lactid acid, 156.
— — blood, 11.
Left ventricular dimensions, 150.
— — enlargement, 103.
Leg muscle power, 17.
Lipolysis lactate threshold, 209.
Lumbar vertebrae, 223.

M

Martial arts, 217.
Maximal exercise, 145.
— oxygen uptake, 87.
— work-related blood flow, 110.
Meta-analysis, 1.
Metabolic responses, 118.
Mood sate, 327.
Muscle biopsy, 284.
— damage, 240.
— fibers, 336.
— fibre metabolism, 284.
— mass, 162.
— skeletal, 312.
— — physiology, 319.
Muscular endurance training, 110.
— strength, 131, 170.

Quarterly review

THE JOURNAL OF SPORTS MEDICINE AND PHYSICAL FITNESS

VOLUME 40 - 2000
Index

Subjects Index

A

Acidosis metabolism, 126.
Adenosine, 71.
— triphosphatase metabolism, 284.
Adipose tissue, 254, 290.
Adiposity, 162.
Adolescence, 260.
Aerobic endurance, 17.
— exercise, 170.
— power, 51, 131.
Aged, 363.
Aging, 1.
Anabolic steroids adverse effect, 271.
Anaerobic power, 131.
— threshold, 103.
Anthropometry, 58, 254.
Asthma, 277.
Athletes, 178.
Athletic injuries prevention and control, 247.
— performance, 233.

B

B-mode ultrasound, 312.
Back injuries, 223.
Blood glucose, 41.
Body composition, 131, 178, 254, 312.
— mass, 17.
— temperature regulation, 35.
— water, 80.
Bodybuilding, 271.
Branched-chain amino acids, 240.
Breath-by-breath gas analysis, 87.

C

C-reactive protein, 156.
Caffeine, 71.
Circuit weight training, 118.
Cortisol, 139.
Creatine kinase, 156.
— supplementation, 336.
Cross sectional area, 284.
— transfer effect, 110.
Cycling, 87.
Cycle testing, 145.

D

Decremental exercise, 11.
Dehydration, 80.
Densitometry, X-ray methods, 178.
Detraining, 110.
Doping in sports, 71.
Doppler flow parameters, 150.
Duration, 1.

E

Economy, 297.
Efficiency, 297.
Elasticity, 26.
Electric impedance, 178.
Energy cost, 118.
— metabolism, 209, 217, 290.
Ergogenic aids, 336.
Exercise, 1, 35, 51, 63, 80, 126, 240, 277, 343, 362.
— physiology, 96, 185, 195, 303.
— — running, 139.
— test, 209.
— therapy methods, 277.
Exertion, 156.
— physiology, 319.

F

Fatty acids, non esterified blood, 343.
Fitness, 170.
Flexibility, 17, 170.
Fructose blood, 343.
Functional strength, 17.

G

Glucose blood, 343.
Gymnastics, 350.

H

Health promotion, 362.
Heart rate, 118, 201, 303.
Height, 17.
High energy shock waves, 356.
High-level male athletes, 233.
Hockey physiology, 195.
Hydration, 41.
Hydrostatic weighing, 254.
Hypertrophy, 336.
Hypoglycemia, 41.
Hypogonadism, 271.

I

Indirect calorimetry, 297.
Insulin, 41.
Intensity, 1.
Interleukin 6, 156.
Interval training, 201.
Isometric contraction physiology, 319.

K

Knee angle, 145.

L

Lactid acid, 156.
— — blood, 11.
Left ventricular dimensions, 150.
— — enlargement, 103.
Leg muscle power, 17.
Lipolysis lactate threshold, 209.
Lumbar vertebrae, 223.

M

Martial arts, 217.
Maximal exercise, 145.
— oxygen uptake, 87.
— work-related blood flow, 110.
Meta-analysis, 1.
Metabolic responses, 118.
Mood sate, 327.
Muscle biopsy, 284.
— damage, 240.
— fibers, 336.
— fibre metabolism, 284.
— mass, 162.
— skeletal, 312.
— — physiology, 319.
Muscular endurance training, 110.
— strength, 131, 170.

N

Nuclear magnetic resonance, 126.
Nutrition, diet, 350.

O

Obesity, 58, 170.
Oligospermia, 271.
Over training, 327.
Overreaching, 201.
Oxidative glycolytic stain, 284.
— stress, 51.
Oxigen consumption, 96, 118, 185, 195, 209, 217, 290, 303.
Oxygen uptake, 11.

P

Perceived exertion, 201.
Performance, 201.
Personality, 63.
— disorders, 271.
Photography, 260.
Physical education and training, 156, 185, 327.
— — — — methods, 96.
— endurance, 139, 327, 343.
— fitness, 26, 327.
Physiology, 312.
Playing position, 162.
Posture, 260.
Protective devices, 247.
Purine nucleotides, 51.

R

Rating of perceived exertion, 297.
Reactive hyperaemic blood flow response, 110.
Rehabilitation, 277.
Risk assessment, 58.
Rotator cuff injuries, 356.
Rowing, 223.
Running, 87, 156, 209.
— physiology, 96, 290.

S

Sex characteristics, 319.
Sexual activity, 233.
Shoulder joint, 356.
— pain, 356.
Skin temperature, 35.
Skinfold thickness, 178.
Soccer physiology, 195.
— players, 150.
Somatotype, 162.
Sport nutrition, 240, 336.
Sports, 63, 71.
— physiology, 223.
Sprint velocity, 17.
Stress, 63, 327.
Stretch-shortening cycle, 26.
Stroke volume, 103.
Submaximal exercise, 145.
Substance related disorders, 271.
Substrate utilization, 209.
Suncream, 35.
Supramaximal exercise, 87.
Swimming, 87.

T

Taper, 201.
Testing, 87.
Testosterone, 139.
Time constant, 11.

U

Ubidecarenone, 51.
Ultra-endurance triathlon, 103.
Ultrasonography, 312.
Upper body exercise, 217.

V

Ventilation, 87.
Vertical jump, 26.
$\dot{V}O_{2max}$, 1.

W

Water exercise, 303.
— retention, 336.
Weight lifting, 156, 312.
— loss, 297.
Women, 290.
Work-rate, 162.
Wrestling, 254.

Authors' Index

A

Akkaya V., 150.
Altenburg D., 327.
Andersen M. B., 201.
Angelopoulou N., 145.
Arteaga R., 26.
Astorino T. A., 209.
Aziz A. R., 195.

B

Ball T. E., 223.
Baller B., 327.
Barale A., 350.
Bargossi A. M., 51.
Beckham S. G., 118.
Berthon P., 139.
Bertini I., 178.
Beyaz M. M., 150.
Billat V., 96, 186.
Blake A., 170.
Bocquet V., 185.
Bonetti A., 51.
Boyadjiev N. P., 271.
Braun W. A., 41.
Brown D. A., 170.
Brundle S., 343.
Bunc V., 290.

C

Calbet J. A. L., 26.
Carey D., 254.
Carmosino G., 51.
Carter J. E. L., 162.
Casciello G., 356.
Castrogiovanni S., 350.
Chassaing P., 185.
Chavarren J., 26.
Chia M., 195.
Christoulas K., 145.
Coelho A. J., 319.
Collins J., 284.
Connolly D. A. J., 35.
Coombes J. S., 240.
Cooney T. E., 156.
Cupisti A., 350.

D

D'Alessandro C., 350.
Darby L. A., 303.
De Bourdeaudhuij I., 362.
De Lorenzo A., 178.
Deforche B., 362.
Demarie S., 96.
Demarle A., 185.
Demirel S., 150.
Di Salvo V., 356.
Dorado C., 26.
Drake G., 223.
Drust B., 162.

E

Earnest C. P., 118.
Erikson W. H., 319.

F

Fiorella P. L., 51.
Forrest M., 41.
Fukunaga T., 312.
Funato K., 312.

G

Gates P., 103.
Geiger J. D., 71.
George K., 103.
Georgieva K. N., 271.
Giombini A., 356.
Greiwe J. S., 297.
Gueorguiev S. I., 271.
Günther K., 327.
Güven Ö., 150.

H

Heitkamp H.-C., 247.
Heller J., 217.
Horiuchi M., 11.
Horstmann T., 247.

I

Iacopino L., 178.
Ikata T., 126.
Incledon T., 373.
Ishida K., 110.
Iwanaga K., 126.

K

Kallus K. W., 327.
Kanehisa H., 312.
Kato Y., 126.
Kellmann M., 327.
Kiyonaga A., 336.
Kohrt W. M., 297.
Koralsztein J. P., 96, 185.
Korkut F., 150.
Krall P., 233.
Kreider R. B., 373.
Kudat H., 150.

L

Lac G., 139.
Laffite L., 185.
Lehmann M., 327.
Lemura L. M., 1, 379.
Liu Y., 327.
Looney M. A., 223.
Lormes W., 327.
Lumley S., 103.

M

Mac Donncha C., 260.
Mandroukas K., 145.
Manning T. S., 223.
Mariani P. P., 356.
Marti V., 233.
Martin A., 162.
Martin D. T., 201.
Massaldjieva R. I., 271.
Mckenna W. J., 103.
Mcnaughton L. R., 240.
Meyers M. C., 131.
Mikat R. P., 58.
Miller W. C., 170.
Mitchell J. B., 41.
Miyamura M., 110.
Mookerjee S., 1.
Morelli E., 350.

N

Noble E. G., 284.

O

Optiz-Gress A., 327.

P

Pagliato E., 178.
Parisi A., 356.
Périat M., 233.
Petersen K. G., 327.
Pigozzi F., 356.
Pincivero D. M., 319.
Pizza F. X., 41.
Plowman S. A., 223.
Prasad K., 103.

R

Reilly T., 162.
Reißnecker S., 327.
Rienzi E., 162.
Rodríguez F. A., 87.
Rutishauser W., 233.

S

Sairyo K., 126.
Santori N., 356.
Satta A., 277.
Schalinski H., 247.
Schedel J. M., 336.
Schutz Y., 336.
Sharma S., 103.
Shindo M., 336.
Shirreffs S. M., 80.
Silber M. L., 375.
Sinclair C. J. D., 71.
Skirka N., 63.
Slawinski J., 185.
Solito F., 51.
Sözen A. B., 150.
Steinacker J. M., 327.
Sterling J. C., 131.
Sztajzel J., 233.

T

Takai H., 126.
Takata S., 126.
Tanaka H., 336.
Taylor A. W., 284, 343.
Teh K. C., 195.
Testolin C., 178.
Testolin G., 178.
Thayer R., 284, 343.
Thomas D. J., 156.
Thomas S. J., 156.
Tükek T., 150.

U

Ünal M., 150.

V

Viru A., 17.
Viru M., 17.
Volver A., 17.
Von Duvillard S. P., 1.
Vrabas I. S., 145.

W

Watson A. W. S., 260.
Whyte G., 103.
Wilcox A. R., 35.
Winett R. A., 377.

Y

Yaekle B. C., 303.
Yano T., 11.
Yunoki T., 11.
Yuza N., 110.